

In the Specification:

Page 1, rewrite the paragraph entered by preliminary amendment under the heading "Related Application Data" as follows:

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B1  
This application is a continuation-in-part of application 09/571,422, filed May 15, 2000. Application 09/571,422 claims priority benefit to each of the following provisional applications: 60/141,468, filed 6/29/99; 60/151,586, filed 8/30/99; 60/158,015, filed 10/6/99; 60/163,332, filed 11/3/99; and 60/164,619, filed 11/10/99. Application 09/571,422 is also a continuation-in-part of each of the following utility applications: 09/314,648, filed 5/19/99 (**now patent 6,681,028**); 09/342,688, filed 6/29/99 (**now patent 6,650,761**); 09/342,689, filed 6/29/99 (**now patent 6,311,214**); 09/342,971, filed 6/29/99; 09/343,101, filed 6/29/99; 09/343,104, filed 6/29/99; 09/531,076, filed 3/18/00; 09/543,125, filed 4/6/00; 09/547,664, filed 4/12/00; and 09/552,998, filed 4/19/00.

Rewrite the paragraph at page 2, lines 24-28 as follows:

B2  
A variety of other fingerprinting tools and techniques are known to artisans in the field. Others are disclosed, e.g., in applications 60/257,822, 09/563,664 (**now patent 6,505,160**), and 09/578,551. See also the chapter on Fingerprinting by John Hyeon Lee, in Information Hiding: Techniques for Steganography and Digital Watermarking edited by Stefan Katzenbeisse and Fabien A.P. Petitcolas, published by Artech House.

Rewrite the paragraph at page 5, the bottom five lines, as follows:

B3  
Instead of, or in addition to, storing a fingerprint in a file header, the fingerprint data may be steganographically encoded into the file contents itself, using known watermarking techniques (e.g., those disclosed in application 09/503,881 (**now patent 6,614,914**), and patents 6,061,793, 6,005,501 and 5,940,135). For example, the fingerprint ID can be duplicated in the data embedded via a watermark.

Rewrite the paragraph at page 6, lines 22-27, as follows

B4

In addition, in ~~this~~ such frame based systems, the fingerprint data and/or watermark data can be embedded with some or all data throughout each frames. This way a streaming system can use the header to first check the song for identification, and if that identification is absent or not authenticated, the system can check for the watermark and/or calculate the fingerprint. This improves the efficiency and cost of the detecting system.

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